

DSP-11, 450 base pairs

TGACCCGCTG TCCTGTGCC TTTCCAGCG ATGGGCGTGC AGCCCCCAA CTTCTCCTGG GTGCTTCCGG GCCGGCTGGC GGGACTGGCG
CTGCCGCGGC TCCCGGCCA CTACCAGTTC CTGTTGGACC TGGGCGTGC GCACCTGGTG TCCCTGACGG AGCGCGGGCC CCCTCACAGC
GACAGCTGCC CCGGCCTCAC CCTGCACGC CTGGCATCC CCGACTTCTG CCCGCCGGCC CCCGACCAGA TCGACCGCTT CGTGCAGATC
GTGGACGAGG CCAACGCACG GGGAGAGGCT GTGGGAGTGC ACTGTGCTCT GGGCTTTGGC CGCACTGGCA CCATGCTGGC CTGTTACCTG
GTGAAGGAGC GGGGCTTGGC TGCAGGAGAT GCCATTGCTG AAATCCGACG ACTACGACCC GGCTCCATCG AGACCTATGA GCAGGAGAAA
GCAGTCTTCC AGTTCTACCA GCGAACGAAA TAAGGGGCT TAGTACCCTT CTACCAGGCC CTCCTCCCC TTCCCATGT TGTCGATGGG
GCCAGAGATG AAGGGAAGTG GACTAAAGTA TTAACCTC TAGTCCCAT TGGCTGAAGA CACTGAAGTA GCCACCCCT GCAGGCAGGT
CCTGATTGAA GGGGAGGCTT GTACTGCTT GTGAATAA TGAGTTTAC GAACCAAAAA AAAAAAAAAA AAAAAA

Fig. 1

DSP-11, 150 amino acids

MGVQPPNFSWVLPGRLAGLALPRLPAHYQFLDLGVRHLVSLTERGPPHSDSCPGLTHRLRIPDFCPPAPDQIDRFVQIVDEANARGEAVGVHICALG
FGRTGTMACYLVKERGLAAGDAIAEIRRLRPGSIETYEQEKAVFQFYQRTK

Fig. 2

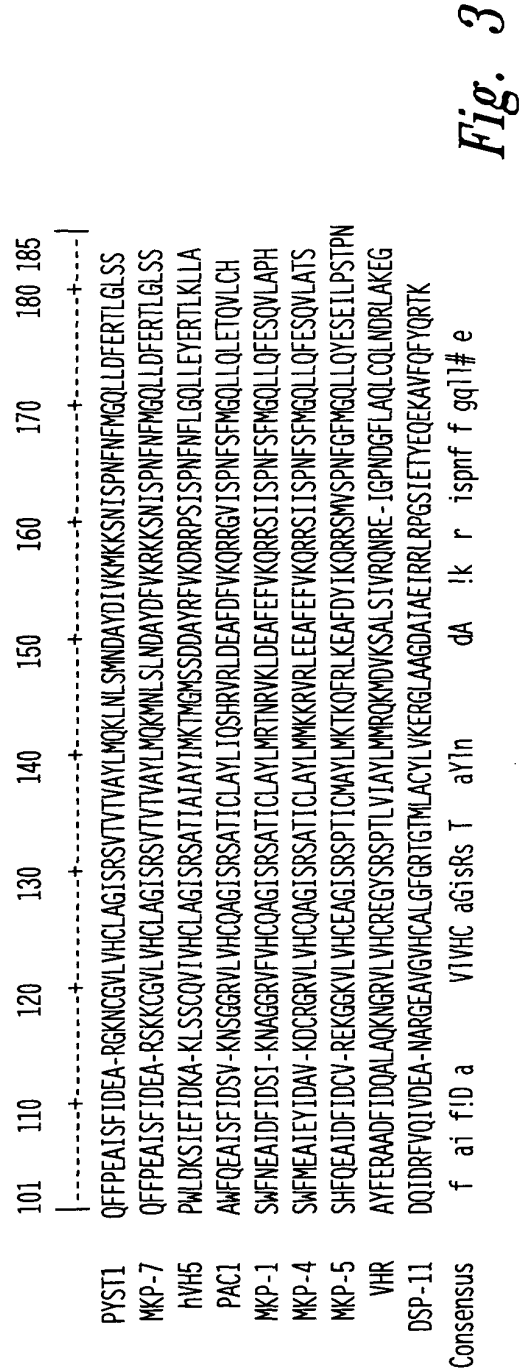
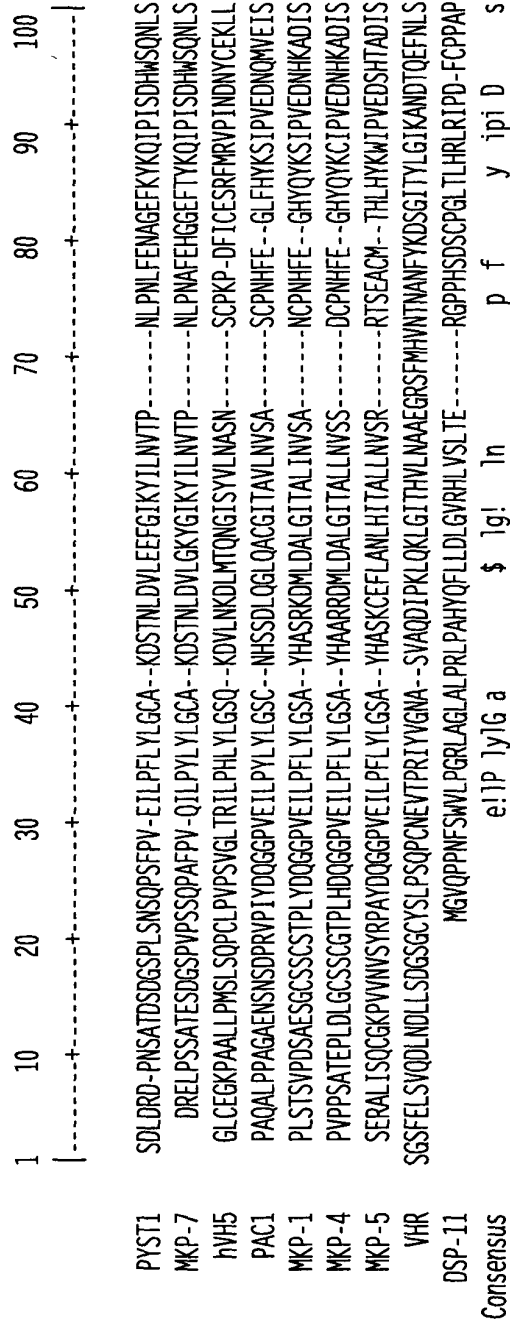


Fig. 3

Title: DSP-11 DUAL-SPECIFICITY PHOSPHATASE
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Docket No. 200125.418C1

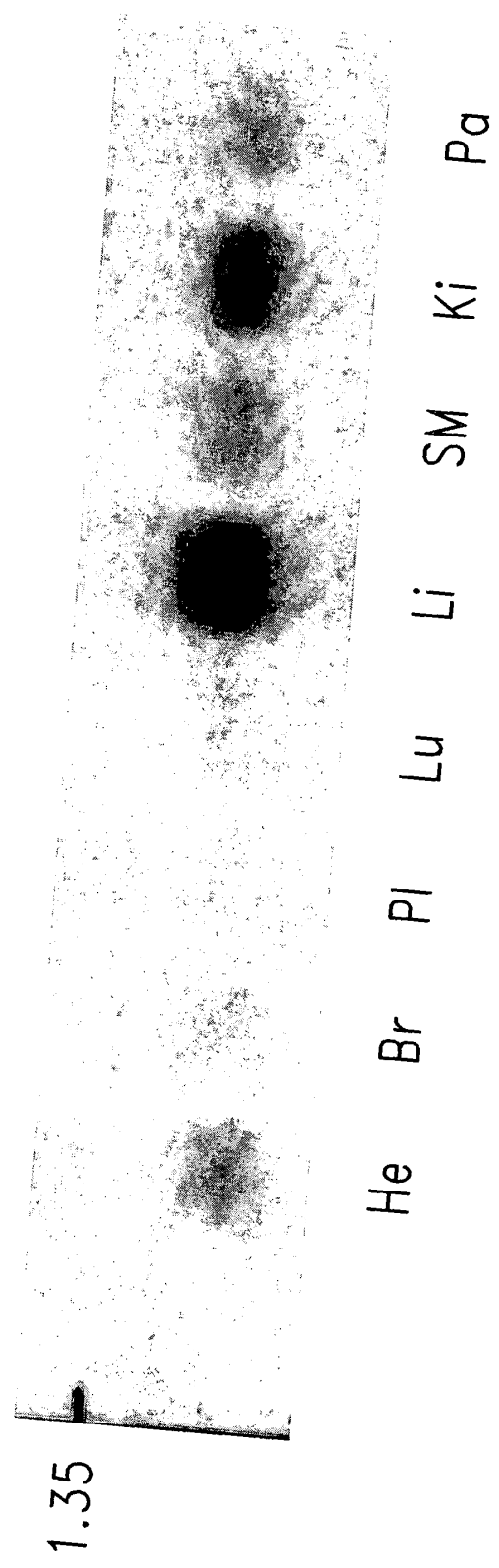


Fig. 4

>murine DSP-11 variant coding sequence

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atgggcgtgcaaccccccaacttctcctgggtgcttcgggacggctggccggactggc
gttgccccggctgcccgcgactaccagttcctgctggaccaggggtgctgcggcacctgg
tgtccctgacggagcgcggaacccctcacagtacagctgtcccgccctcacgctgcac
cgaatgcgcacccctgacttttggccgctccccggaacagatcgaccaatttgtaa
gatcgtggacgaggccaatgcccgaggagaggtgttgagtgcactgtgccctaggct
ttggccgcactggcaccatgctagcctgctacttggtaaggagcgggctttggcgCa
ggagatgccattgctgagatccggcgctgcgaccaggatccattgagacgtatgaaca
ggagaaggccgtcttcagttctaccagcgaacaaatga
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Fig. 5

>murine DSP-11 variant amino acid sequence

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MGVQPPNFSWVLPGRLAGLALPRLPAHYQFLLDQGVRLVSLTERGPPHSDSCPGLTLH
RMRIPDFCPPSPEQIDQFVKIVDEANARGEAVGVHICALGFGRGTMLACYLVKERALAP
GDAIAEIRRLRPGSIETYEQEKAVFYQRTK*
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Fig. 6